## Macola Dashboard Documentation

**Quantity Sold**

|  |
| --- |
| If {OEHDRHST\_SQL.orig\_ord\_type} = "C" Then |
| ( |
| If {OELINHST\_SQL.qty\_ordered} > 0 Then |
| ({OELINHST\_SQL.qty\_return\_to\_stk} \* {OELINHST\_SQL.uom\_ratio}) \* -1 |
| Else |
| ({OELINHST\_SQL.qty\_ordered} \* {OELINHST\_SQL.uom\_ratio}) |
| ) |
| Else |
| {OELINHST\_SQL.qty\_to\_ship} \* {OELINHST\_SQL.uom\_ratio}; |

***Translated to DAX***

Qty Sold = IF ('MacolaDashboard'[orig\_ord\_type] == "C",

IF ('MacolaDashboard'[qty\_ordered] > 0 ,'MacolaDashboard'[qty\_return\_to\_stk] \* 'MacolaDashboard'[uom\_ratio] \* -1

,'MacolaDashboard'[qty\_ordered]\*'MacolaDashboard'[uom\_ratio]) ,

'MacolaDashboard'[qty\_to\_ship] \* 'MacolaDashboard'[uom\_ratio])

**Gross Margin**

|  |
| --- |
| numbervar GrossMargin; |
|  |
| shared booleanvar DistDisc; |
| If DistDisc = True Then |
| GrossMargin := ((1 - {OELINHST\_SQL.discount\_pct} / 100) \* {OELINHST\_SQL.sls\_amt}) - {OELINHST\_SQL.cost\_amt} |
| Else |
| GrossMargin := {OELINHST\_SQL.sls\_amt} - {OELINHST\_SQL.cost\_amt}; |

***Translated to DAX***

GrossMargin = IF (MacolaDashboard[discount\_pct] = 0, ((1 - MacolaDashboard[discount\_pct]/100) \* MacolaDashboard[sls\_amt]) - MacolaDashboard[cost\_amt], MacolaDashboard[sls\_amt] - MacolaDashboard[cost\_amt])

**Extended Price**

**DistDisc was not defined, I assumed it True if discount\_pct = 0**

|  |
| --- |
| If DistDisc = True Then |
| dExtendedPrice := (1 - {OELINHST\_SQL.discount\_pct} / 100) |
| \* {OELINHST\_SQL.sls\_amt} |
| Else |
| dExtendedPrice := {OELINHST\_SQL.sls\_amt}; |

***Translated to DAX***

ExtendedPrice = IF (MacolaDashboard[discount\_pct] <> 0 , 1 - MacolaDashboard[discount\_pct]/100, MacolaDashboard[sls\_amt])

**Gross Margin %**

If dSlsAmt <> 0 And dGrossMargin <> 0 Then

dGrossMarginTotal := dGrossMargin / dSlsAmt \* 100

Else

dGrossMarginTotal := 0;

***Translated to DAX***

GrossMargin% = IF(MacolaDashboard[ExtendedPrice] <> 0 && MacolaDashboard[GrossMargin] <> 0, MacolaDashboard[GrossMargin]/MacolaDashboard[ExtendedPrice] ,0)

### **Measures**

**Year to Date Last Year Gross Margin**

YTDLYGrossMargin =

CALCULATE(SUM(MacolaDashboard[GrossMargin]), DATEADD(DATESYTD(Calendar[Date]),-1,Year))

**Year to Date Gross Margin**

YTDGrossMargin =

CALCULATE(SUM(MacolaDashboard[GrossMargin]),DATESYTD(MacolaDashboard[Date]))

**Top Ranked Product**

TopRankedProduct =

CALCULATE( SELECTEDVALUE( 'MacolaDashboard'[item\_no] ),

TOPN( 1, ALL( 'MacolaDashboard' ), [Qty Sold], DESC ) )

**Top Month for Sales**

TopMonthForSales =

CALCULATE( SELECTEDVALUE( 'MacolaDashboard'[Date].[Month]),

TOPN( 1, ALL( 'MacolaDashboard' ), [GrossMargin], DESC ) )